₽ef	Hits	Search Query	DBs	Default	Plurals	Time Stamp
		<pre>@py<"2003" and ((identif\$4 or relizes or recogniz\$5) same ("if then else" or if-then-else)</pre>	US-PGPUB;	OR .	OFF	2006/01/04 11:09
		"\if then\"	US-PGPUB; USPAT	OR.	OFF	2006/01/04 13:25
		<pre>@py<"2003" and CLB and (((first or one) and (second or two) same (input same (switch\$4 same select\$3)))</pre>	US-PGPUB; USPAT	O _R	OFF	2006/01/04 13:59
ᄃ	1256	@py<"2003" and ("Control logic block" or "control logic blocks")	US-PGPUB; USPAT	OR	OFF	2006/01/05 06:58
ム	166	<pre>@py<"2003" and ("Control logic block" or "control logic blocks") and ("look up table" or "look up tables" or "look-up")</pre>	US-PGPUB; USPAT	O _R	OFF	2006/01/05 06:58
딦	16	<pre>@py<"2003" and ("Control logic block" or "control logic blocks") and ("look up table" or "look up tables" or "look-up") and xilinx</pre>	US-PGPUB; USPAT	O _R	OFF	2006/01/05 06:59
4	24	@py<"2003" and ("Control logic block" or "control logic blocks") and ("look up table" or "look up tables" or "look-up") and (fpga or fpgas)	US-PGPUB; USPAT	Q _R	OFF	2006/01/05 07:00
<u></u>	26	13 or I4	US-PGPUB; USPAT	₽ R	OFF	2006/01/05 07:00
S1	₽	"20040127998"	US-PGPUB; USPAT	Q _R	OFF	2006/01/04 16:15
S2	2331869	'd flip flop' s	US-PGPUB; USPAT	Q.	OFF	2005/11/30 09:45
S3	61556	(S2 or four) near2 input	US-PGPUB; USPAT	₽ R	Q.	2005/11/30 09:48
S4	13563	((S2 or four) near2 input) and output and node	US-PGPUB; USPAT	Q _R	ð	2005/11/30 09:44
S5	0	('look up table' or LUT) and ('if than else' or 'if-than-else')	US-PGPUB; USPAT	OR.	9	2005/11/30 10:32
- S6	2	('if than else' or 'if-than-else')	US-PGPUB; USPAT	OR	Š	2006/01/04 17:54
S7	51850	('look up table' or LUT)	US-PGPUB; USPAT	O _R	9	2005/11/30 09:49
88	20340	('look up table' or LUT) and (comparison)	US-PGPUB; USPAT	OR	N ON	2005/11/30 10:33
Search History C:\Documents	listory 1/5/2 ments and Set	Search History 1/5/2006 7:43:44 AM Page 1 C:\Documents and Settings\pcoughlan\My Documents\FAST\Worksnaces\nroject29 10724011 wsp				

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S25 S23 S22 S19 S16 S15 S13 S12 S11 S10 8 **S24 S21 S20 S18 S17 S14** 1185 2516 516 270 873 202 826 326 209 187 59 61 0 0 0 (S7 and S24) and @py<"2003" "20040127998" and (input same fourth) "20040127998" and (input same four) "20040127998" and (input same S2) "20040127998" and input S14 and ((output near3 multiplexer) same input) ('if than else' or 'if-then-else') "20040127998" and S6 (multiplex same (register same comparator)) and @py<"2003" (('look up table' or LUT) near4 (comparison)) and @py<"2003" ('look up table' or LUT) near4 (comparison) ('look up table' or LUT) same (comparison) S22 and (LUT or "look up table") S21 and diagram ("configurable logic blocks" or clb) and @py<"2003" 700/18.ccls. and @py<"2003" 700/18.ccls. US-PGPUB; USPAT US-PGPUB; USPAT US-PGPUB; USPAT USPAT USPAT USPAT USPAT USPAT USPAT **USPAT** USPAT USPAT **USPAT** USPAT USPAT **USPAT** US-PGPUB; US-PGPUB; US-PGPUB; US-PGPUB; US-PGPUB; US-PGPUB; US-PGPUB; US-PGPUB; USPAT US-PGPUB; US-PGPUB; US-PGPUB; US-PGPUB; US-PGPUB; US-PGPUB; S S ဝ္က 유 유 S 유 유 유 유 웄 유 유 유 유 S 유 9 9 9 9 9 유 유 윢 윢 유 윢 윢 윢 9 9 9 9 2005/11/30 10:33 2005/11/30 12:27 2005/11/30 12:20 2005/11/30 12:18 2005/11/30 12:21 2005/11/30 12:20 2005/11/30 12:18 2005/11/30 11:41 2005/11/30 11:40 2005/11/30 12:19 2005/11/30 11:06 2005/11/30 11:05 2005/11/30 11:01 2005/11/30 10:59 2005/11/30 10:58 2005/11/30 10:33 2005/11/30 12:26

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2005/11/30 14:59	OFF	O _R	US-PGPUB; USPAT	4 (("multiplexer output") adj3 ("control logic")) and @py<"2003"	4	S41
2005/11/30 14:58	OFF	유	US-PGPUB; USPAT	0 ((multiplexer) adj3 ("control logic")) and @py<"2003"	330	S40
2005/11/30 14:58	OFF	Q.	US-PGPUB; USPAT	5 S30 and (multiplexer near4 input) and ((multiplexer) same ("control logic"))	ъ	S39
2005/11/30 14:54	OFF	Я Я	US-PGPUB; USPAT	S30 and (multiplexer near4 input) and ((multiplexer adj2 output) same ("control logic"))	0	S38
2005/11/30 14:36	N N	Я Я	US-PGPUB; USPAT	0 S36 and "logic block"	0	S37
2005/11/30 14:36	OFF	R	US-PGPUB; USPAT	7 S35 and S32	7	S36
2005/11/30 14:33	OFF	유	US-PGPUB; USPAT	6 S30 and ((multiplexer near2 control) same input)	16	S35
2005/11/30 14:12	S _N	유	US-PGPUB; USPAT	0 S30 and "if then else"	0	S34
2005/11/30 14:12	O _N	R	US-PGPUB; USPAT	3 S30 and "two multiplexer"	ω	S33
2005/11/30 14:53	OFF	R	US-PGPUB; USPAT	1 S30 and (multiplexer near4 input) and ((multiplexer adj2 output) same (control logic))	21	S32
2005/11/30 13:41	OFF	Q.	US-PGPUB; USPAT	2 S30 and (multiplexer near4 input)	92	S31
2005/11/30 13:39	OFF	S	US-PGPUB; USPAT	7 (327/12.ccls. or 327/43.ccls. or 327/49.ccls. or 327/64.ccls. or 327/76.ccls. or 327/97.ccls. or 327/107.ccls. or 327/166.ccls. or 327/176.ccls. or 327/225.ccls.) and @py<"2003"	1947	S30
2005/11/30 13:35	OFF	유	US-PGPUB; USPAT	0 327/3.ccls.	580	S29
2005/11/30 13:30	OFF	Q _R	US-PGPUB; USPAT	1 327/1.ccls.	321	S28
2005/11/30 13:28	OFF	Q _R	US-PGPUB; USPAT	1 "20040127998" and "first input"	1	S27
2005/11/30 12:40	OFF	OR.	US-PGPUB; USPAT	1 "20040127998" and first	1	S26

2005/12/01 07:07	OFF	SR	US-PGPUB; USPAT	164 (S42 or S43 or S44 or S45) and @py<"2003"	S46
. 2005/12/01 07:06	OFF.	Q.	US-PGPUB; USPAT	49 ("6381732" "6421817" "6501296" "6597196" "6603332" "6621298" "6703861" "6747482" "6944836" "6954085" "6617876" "6102963" "6167558" "5621650" "5550839" "5448522" "5563829" "5600263" "5656950" "5778439" "5784313" "5815004" "5874834" "5898317" "5959881" "5978260" "5991908" "6011730" "6011744" "6023564" "6047115" "6084429" "6091262" "6105105" "6107821" "6120551" "6134517" "6151258" "6219284" "6219284" "6242945" "6242947" "6263430" "6490707" "6493862" "6507943" "6512289" "6515509" "6526557" "6526563").pn.	S45
2005/12/01 07:06	OFF	Q _R	US-PGPUB; USPAT	47 ("6226779" "6219305" "6226779" "6232845" "6233205" "6278290" "6288569" "6433580" "6462578" "6670826" "6081914" "5761483" "5880492" "6317367" "6127843" "6130551" "6211695" "6216257" "6211695" "6216257" "6919736" "6081473" "6181163" "6046603" "6237054" "6154052" "5381058" "6362650" "6567969" "6703862" "6184709" "5847580" "6529040" "6621296" "5526278" "6150838" "6208163" "6184712" "6086629" "6099583" "6157213" "6237129" "5581738" "6008666" "60086631" "6301695" "6305005" "6324676" "6357037" "6362651").pn.	84
2005/12/01 07:05	OFF	Я	US-PGPUB; USPAT	("5598346" "5212652" "5233539" "5260881" "5329460" "5359536" "5422823" "5469368" "5490074" "5586044" "5587921" "5740069" "6128770" "6671202" "5986480" "6020756" "6288568" "6297665" "6323682" "6466052" "6480023" "6667635" "6708191" "6754686" "6809552" "6353331" "5644496" "5457410" "6051991" "5426378" "5581198" "5583450" "5617573" "5629637" "5642058" "5646545" "5726584" "5787007" "5790479" "5847577" "5880598" "6005829" "6028445" "6049222" "6069849" "6071314" "6144262" "6160418" "6172520" "6219305").pn.	S43
2005/12/01 07:05	OFF	Se	US-PGPUB; USPAT	49 ("6191612" "6154053" "6380759" "5905385" "6054871" "5982193" "5990702" "6034544" "6107823" "5594367" "5677638" "5811985" "5892961" "5936424" "6020776" "6275064" "6314539" "6292019" "6150842" "6118300" "6134191" "6191610" "5973506" "6016063" "6784692" "6806732" "6833730" "694951" "5675262" "5701441" "5825662" "5838954" "6346824" "6218857" "6218857" "6097212" "5841296" "6034548" "6097988" "6133751" "6239616" "6255849" "5570039" "6476634").pn.	S42

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	윶
US-PGPUB;	US-PGPUB; OR
USPAT	USPAT
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US-PGPUB;	US-PGPUB; OR
USPAT	USPAT
US-PGPUB;	US-PGPUB; OR
USPAT	USPAT
US-PGPUB; USPAT	US-PGPUB; OR USPAT
US-PGPUB;	US-PGPUB; OR
USPAT	USPAT
US-PGPUB;	US-PGPUB; OR
USPAT	USPAT

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OFF	O _R	US-PGPUB; USPAT	0 "20020152060" and ("if then else" or if-then-else)		S80
OFF.	ᄋᠵ	US-PGPUB; USPAT	1 "20020152060" and (register same compar\$4)		S79
OFF	Q.	US-PGPUB; USPAT	1 "20020152060" and (Input same compar\$4)		S78
OFF	Q _R	US-PGPUB; USPAT	1 "20020152060" and compar\$4		S77
OFF	Q.	US-PGPUB; USPAT	1 "20020152060" and register		S76
OFF	OR.	US-PGPUB; USPAT	0 "20020152060" and comparator		S75
OFF	OR.	US-PGPUB; USPAT	1 "20020152060" and look-up		S74
OFF	O _R	US-PGPUB; USPAT	1 "20020152060" and bus		S73
9	Q.	US-PGPUB; USPAT	1 "20020152060" and ((input) same bus)	4	S72
ð	Q.	US-PGPUB; USPAT	0 "20020152060" and ((input same clb) same bus)		S71
ð	Q.	US-PGPUB; USPAT	1 "20020152060" and (input same clb)		S70
9	Q.	US-PGPUB; USPAT	0 "20020152060" and ("input node" same clb)		S69
<u>S</u>	O _R	US-PGPUB; USPAT	l10 @py<"2003" and clb	11:	S68
OFF	Q.	US-PGPUB; USPAT	1 "4827404".pn. and compar\$5		S67
양	Q.	US-PGPUB; USPAT	0 "4827404".pn. and compara\$5		S66
OFF	O _R	US-PGPUB; USPAT	1 "4827404".pn. and switch\$4		S65
OFF	웃	US-PGPUB; USPAT	6 "look up table" same ("if then else" or if-then-else)		S64
· ·			UB UB<	"look up table" same ("if then else" or if-then-else) US-PGPUB; OR US	"book up table" same ("if then else" or if-then-else) US-PGPUB; US-PGPUB; OR US-PG

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865 **S11 S11** S11 **S11** S11 **S10 S10 S10 S10 S10 S10 S10 S10 66S** ω 9 ω **S10** 0 σ G 4 w 179 118 167 126 37 21 18 0 0 0 0 0 0 0 "20020019969" "6434642".pn. and table\$2 "6434642".pn. and lut "6434642".pn. and look\$5 "6434642".pn. and rcg\$2 "6434642".pn. and wcg\$2 "6434642".pn. and wcg @py<"2003" and ((select same switch) same input) and xilinx and clb @py<"2003" and ((select same switch) same input) and xilinx S112 and ((mux or multiplexer) same (logic or control)) or if-then or "case statement" or "case statements") @py<"2003" and clb and ("look up" or look-up) and compar\$4 and ("if then" and ("if then" or if-then or "case statement" or "case statements") @py<"2003" and xilinx and clb and ("look up" or look-up) and compar\$4 @py<"2003" and xilinx and clb and ("look up" or look-up) and compar\$4 @py<"2003" and ((select same switch) same input) and xilinx and clb or if-then) if-then or "case statement" or "case statements") @py<"2003" and ("look up" or look-up) and compar\$4 and ("if then" or @py<"2003" and xilinx and clb and ("look up" or look-up) @py<"2003" and ((select same switch) same input) and xilinx and ("if then"</p> USPAT USPAT USPAT USPAT **USPAT** USPAT **USPAT USPAT** US-PGPUB; **USPAT USPAT** USPAT US-PGPUB; USPAT USPAT **USPAT** USPAT **USPAT** US-PGPUB; USPAT US-PGPUB; US-PGPUB; US-PGPUB; US-PGPUB; 유 오 유 S 유 유 유 유 유 유 유 유 유 유 S 읒 유 유 9 9 9 9 윢 유 9 9 9 9 9 9 9 9 9 9 2006/01/04 09:10 2006/01/04 10:07 2006/01/04 09:29 2006/01/04 09:29 2006/01/04 09:27 2006/01/04 09:22 2006/01/04 09:26 2006/01/04 09:21 2006/01/04 09:10 2006/01/04 09:09 2006/01/04 10:06 2006/01/04 09:59 2006/01/04 09:31 2006/01/04 09:30 2006/01/04 09:27 2006/01/04 09:26 2006/01/04 09:28

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- {
US-PGPUB; OR USPAT
@py<"2003" and ((identif\$4 or relizes or recogniz\$5) same ("if then else" or US-PGPUB; OR
@py<"2003" and (((LUT or "look up" or look-up) same register) adj5 (mux US-PGPUB; OR or multiplex\$2))
@py<"2003" and (((LUT or "look up" or look-up) same register) same (mux US-PGPUB; OR or multiplex\$2))
S112 and (((LUT or "look up table" or look-up)) same (mux or multiplexer)) US-PGPUB; OR
US-PGPUB; OR USPAT
S112 and (((LUT or "look up table" or look-up) same register) same (mux or US-PGPUB; OR multiplexer))
US-PGPUB; OR USPAT
US-PGPUB; OR USPAT
US-PGPUB; OR USPAT
US-PGPUB; OR USPAT

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				1/E/2006 7:43:44 AM Deco 10	Coarch History 1/6	42263
2006/01/04 13:25	OFF	웃	US-PGPUB; USPAT	95 if-then-else	895	S14 8
2006/01/04 13:25	OFF	Q _R	US-PGPUB; USPAT	70 if-then	1370	S14 7
2006/01/04 13:25	OFF	Q _R	US-PGPUB; USPAT	0 "\if then"	-	S14 6
2006/01/04 13:24	OFF	유	US-PGPUB; USPAT	0 "/if then"	0	S14 5
2006/01/04 13:24	OFF	ᄋᆽ	US-PGPUB; USPAT	0 "if then"		S14 4
2006/01/04 13:24	OFF	<u></u> Я	US-PGPUB; USPAT	0 "if then else"		S14 3
2006/01/04 13:24	OFF	ᄋᄋ	US-PGPUB; USPAT	0 @py<"2003" and "if then else"		S14 2
2006/01/04 13:23	OFF	ᄋᆽ	US-PGPUB; USPAT	@py<"2003" and (register same (comparator same (lut or "look up table" or look-up)))	186	S14 1
2006/01/04 12:43	OFF	<u></u> Я	US-PGPUB; USPAT	(12 @py<"2003" and register and (comparator same (lut or "look up table" or look-up))	512	S14 0
2006/01/04 12:42	OFF	S	US-PGPUB; USPAT	(9py<"2003" and register and comparator and (lut or "look up table" or look-up)	3655	S13
2006/01/04 12:42	OFF	ᄋᆽ	US-PGPUB; USPAT	0 @py<"2003" and register and comparason and (lut or "look up table" or look-up)	0	S13 8
2006/01/04 12:42	OFF	웃	US-PGPUB; USPAT	©py<"2003" and register and compar\$4 and (lut or "look up table" or look-up)	9367	S13 7
2006/01/04 12:41	OFF	Я Я	US-PGPUB; USPAT	6 infineon.as. and comparator and mux and @py<"2003"	•	S13
2006/01/04 12:33	OFF	Я Я	US-PGPUB; USPAT	0 infineon.as. and comparator and "if then" and @py<"2003"		S13
2006/01/04 12:33	OFF	유	US-PGPUB; USPAT	86 infineon.as. and comparator and @py<"2003"	86	S13
2006/01/04 12:32	OFF	Я Я	US-PGPUB; USPAT	infineon.as. and comparator	416	S13
2006/01/04 12:31	OFF	Q _R	US-PGPUB; USPAT	57 infineon.as. and compar\$4	2557	S13 2

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				1/5/2006 7:43:44 AM Page 11	Search History 1/5/	Search
2006/01/04 14:36	OFF	Я	US-PGPUB; USPAT	5 @py<"2003" and clb and (("input" same "switching") same "selecting")	5	S16
2006/01/04 14:36	OFF	Q _R	US-PGPUB; USPAT)8 @py<"2003" and (("input" same "switching") same "selecting")	5108	S16
2006/01/04 14:35	OFF	S	US-PGPUB; USPAT	1 @py<"2003" and (("input" same "switching function") same "selecting function")		S16 3
2006/01/04 14:34	OFF	Q	US-PGPUB; USPAT	0 @py<"2003" and (("first input" same "switching function") same "selecting function")	0	S16 2
2006/01/04 14:33	OFF	<u></u> Я	US-PGPUB; USPAT	@py<"2003" and CLB and (((first or one) and (second or two) and (third or three)) same (input same (switch\$4 same select\$3)))	28	S16 1
2006/01/04 14:00	양	Я Я	US-PGPUB; USPAT	32 @py<"2003" and CLB and (((first or one) and (second or two)) same (input same (switch\$4 same select\$3)))	82	S16 0
2006/01/04 13:59	OFF	웃	US-PGPUB; USPAT	<pre>14 @py<"2003" and CLB and ((first or one) same (input same (switch\$4 same</pre>	114	S15
2006/01/04 13:58	OFF	S	US-PGPUB; USPAT	@py<"2003" and CLB and (control same (input same (switch\$4 same select\$3)))	102	S15
2006/01/04 13:57	OFF	Я	US-PGPUB; USPAT	@py<"2003" and CLB and (logic same (input same (switch\$4 same select\$3)))	93	S15 7
2006/01/04 13:51	OFF	웃	US-PGPUB; USPAT	71 @py<"2003" and CLB and (input same (switch\$4 same select\$3))	171	S15
2006/01/04 13:51	OFF	Я Я	US-PGPUB; USPAT	97 @py<"2003" and CLB and input and (switch\$4 same select\$3)	297	S15
2006/01/04 13:50	OFF	Q.	US-PGPUB; USPAT	37 @py<"2003" and CLB and input and switch\$4 and select\$3	487	S15
2006/01/04 17:52	OFF.	Q.	US-PGPUB; USPAT	(mux or multiplexer)	<u>1-1</u>	S15
2006/01/04 13:27	OFF	Q _R	US-PGPUB; USPAT	18 @py<"2003" and if-then-else and comparator and register and input	18	S15 2
2006/01/04 13:26	OFF	유	US-PGPUB; USPAT	19 @py<"2003" and if-then-else and comparator and register	19	S15
2006/01/04 13:25	OFF	Я Я	US-PGPUB; USPAT	25 @py<"2003" and if-then-else and comparator	25	S15
2006/01/04 13:25	OFF	Я Я	US-PGPUB; USPAT	25 @py<"2003" and if-then-else	425	S14 9

S17	S17 5	S17 4	S17 3	S17 2	S17	S17 0	S16 9	\$16 8	S16	S16
ь	0	0	0	0	0	0	-	0	L	—
(if) same (then)	(if) adj1 (then)	(if) adj (then)	"if" adj1 "then"	"if then"	"then statement" or "then statements"	@py<"2003" and clb and "if then"	"20040127998" and "performing"	"20040127998" and "performing a switching"	"20040127998" and (output same CLB control logic)	"20040127998" and field
US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT
OR.	Я	R	웃	유	웆	웃	웃	Q _R	웃	R
ON	Q 2	Q Q	ON N	N O	Q Q	OFF	OFF	OFF	OFF	OFF
2006/01/04 18:00	2006/01/04 17:59	2006/01/04 17:59	2006/01/04 17:59	2006/01/04 17:59	2006/01/04 17:55	2006/01/04 17:53	2006/01/04 17:24	2006/01/04 17:24	2006/01/04 17:23	2006/01/04 16:26